

<b>Product Name:</b>	Piperafizine A
<b>Product Number:</b>	P087
<b>CAS Number:</b>	130603-59-7
<b>Molecular Formula:</b>	$C_{19}H_{16}N_2O_2$
<b>Molecular Weight:</b>	304.3
<b>Appearance:</b>	Pale lemon solid
<b>Storage Conditions:</b>	-20°C
<b>Description:</b>	<p>Piperafizine A is a methylated diketopiperazine formed by the condensation of phenylalanine, produced by a number of species in the Streptomyces genus. Piperafizine A exhibits little activity in vitro but potentiates vincristine antitumor potency.</p> <p>Piperfizine A is soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.</p>
<b>Mechanism of Action:</b>	The mechanism of action has not been characterised.
<b>References:</b>	Piperafizine A and B, potentiators of cytotoxicity to vincristine. Kamei, H. et al. , J. Antibiot., 1990, 43, 1018.